



Springfield Technical Community College Sustainability Plan



Date: October 5, 2004

Agency Coordinator: Betty Ann Learned, Asst. V.P. of Administrative Services

Phone: 413-755-4889

Email: Blearned@stcc.edu

This Sustainability Plan has been reviewed and approved by (Betty Ann Learned) of
(Springfield Technical Community College) on (October 5, 2004).

Signature of Agency Head or other Appropriate Designee

1. Agency Information, Impact Identification and Sustainability Team

Refer to "Road Map Step 1" of the Planning and Implementation Guide before writing this section of the Plan.

This section is intended to provide basic information about the agency, its roles and responsibilities, existing impacts associated with operations, and any costs associated with such activities. Agencies should also identify their Sustainability Team in this section. More specifically, agencies should include information on the following:

1.1 Agency Description and Scope

Springfield Technical Community College is a nationally-recognized pace-setting leader in technology and instructional innovation. With its myriad of degree and certificate programs in technologies, health sciences, business and engineering, the institution is the most comprehensive community college in New England. A highly qualified faculty and advanced academic and technological facilities provide an exceptional learning environment. The college is committed to comprehensive institutional assessment and effectiveness. The philosophy and process of continuous quality improvement serve as the underlying foundation of all college programs and services. Springfield Technical Community College has a strong and recognized commitment to the economic development of the Pioneer Valley, Massachusetts, and the nation. The campus consists of 405 full-time employees, 225 part-time employees, 250 adjunct faculty, 4000 day and evening commuter students. We have 23 buildings which 19 are occupied. We occupy 1 million square feet, 35 acres.

1.2 Agency Impacts on the Environment and Human Health

Between our staff and students, we consume 1,655,988 gallons of waste, 6,490,076 KW of electricity, 922,256 CCF of gas. We had 306.89 tons of Solid Waste Removed and 108.90 tons of Recyclable removed.

1.3 Agency Operational Costs

Our utilities cost approximately 1.4 million a year. Being a historical site, our heat/air cost is great.

1.4 Agency Sustainability Team Members

Janet Wanczyk, Vic Focosi, Mike Fern, Robert Dickerman, Dave Siano, Betty Ann Learned, Don Donnice(Student), Kathy Murphy, John Rueli, Ed Maia, Johnathan Miller

2. Long-Term Goals/Vision

Refer to "Road Map Step 2: Broadly Define Long-term Goals" before writing this section of the Plan.

2.1 Long-Term Goals

Our College is a historical site dating back to 1778, declared an Armory in 1960 and bought by the commonwealth of Massachusetts, becoming Springfield Technical Community College in 1968. Energy conservation has been our short and long term goal. We have 1300 windows that are over 180 years old that are not efficient. Cost to replace them is \$1000 each plus we want to be able to install an inside storm window which will cost another \$300 each. Our long term goal would be to replace old boiler system and continue to replace all 1300 windows and add storm windows.

3. Short-term Actions and Priorities

Refer to "Road Map Step 3: Identify and Prioritize Short-term Actions" before writing this section of the Plan. Agencies should use this section to identify the priority areas they plan to focus on over the next 1-3 years.

3.1 Priority and Areas Goals

Our short-term goals are to replace 250 windows a year with storm windows.

3.2 Agency Action Steps

Our short-term goals are to replace 250 windows a year with storm windows, replace old chiller and cooler as well as other recommendations from energy audit recycle mixed paper starting 9/30/04, clean out all mercury and hazard waste. Make an effort to search all storage areas.

4. Management Systems and Institutionalization

Refer to "Road Map Step 4: Formalize Management Systems and Integrate Sustainability Into Decision-Making" before writing this section of the plan.

4.1 Integrating Environmental Impacts into Key Decision Points

4.2 Education and Training of Staff

Employee forums, campus e-mail, newsletters on progress.

4.3 Management Systems

Refer to “Road Map Step 4: Formalize Management Systems and Integrate Sustainability into Decision-Making”.

Committee reviews all actions and progress.

5. Tracking Progress and Program/Plan Review

Refer to Road Map Step 5: Track and Report on Progress” before writing this section of the plan

5.1 Agency Tracking and Reporting Form

Will submit the College tracking plan when reporting form is available.

5.2 Continuous Improvement

We will submit this when data is available.

Appendix 4 - Agency Sustainability Workplan Worksheet

For Use in Section 3 of the *Agency Plan Template* "Short Term Actions and Priorities" and should be submitted as part of the agency plan.

This worksheet is intended to help agencies develop an action plan to help identify the key sustainable activities the agency wants to address, as well as identify the key staff necessary to ensure program success. The information provided here is for sample purposes only

Sustainable Goal	Benefits	Specific Tasks	Responsible Staff	Timeline
Mixed Paper Recycling-start recycling with a yearly increase	<ul style="list-style-type: none"> • Solid waste reduction • Cost savings 	<ul style="list-style-type: none"> • Identify potential vendors through state contract that are the most cost-effective • Award vendor • Publicize new program to staff • Hand out new recycling bins • Begin recycling program 	<ul style="list-style-type: none"> • Betty Ann Leaned, Admin. Serv • Ed Maia, facilities • Vic Focosi, facilities 	October 1, 2004
Clean out all hazardous waste and mercury	Safe Campus	Unlock all storage areas	<ul style="list-style-type: none"> • Dave Siano, Safety & Security • Janet Wanczyk, Admin. Serv 	November 1, 2004
Replace 1300 windows	Energy Saving	Identify funds to replace 250 windows a year including inside storm windows	<ul style="list-style-type: none"> • Vic Focosi, facilities • Janet Wanczyk, Admin. Serv 	April 2005
Replace chiller and cooling system, all energy audit items	Energy Saving	Identify funding to replace and prepare RFR	<ul style="list-style-type: none"> • Vic Focosi, facilities • Janet Wanczyk, Admin. Serv 	April 2005
Replacement of old boiler	Energy Saving	Identify capital funding	<ul style="list-style-type: none"> • Vic Focosi, facilities • Janet Wanczyk, Admin. Serv 	June 2005

